

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3634	252/500.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 16:48
S2	735	S1 thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 16:49
S3	384	S2 (zinc or bismuth or tin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 16:50
S4	249	S3 (copper or (copper adj alloy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 16:50
S5	22	("4830779").URPN.	USPAT	AND	ON	2008/04/02 16:55
S6	9	(4882227 554678 6274070).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 17:10
S7	6	"5554678"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 17:11
S8	17	("4882227").URPN.	USPAT	AND	ON	2008/04/02 17:22
S9	2480	428/407.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/02 17:47
S10	2689	252/511.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 08:50
S11	177	S10 copper (volume adj (resistance or resistivity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 08:54
S12	7	("3083169").URPN.	USPAT	AND	ON	2008/04/03 08:55

S13	72	S11 lead	USPAT	AND	ON	2008/04/03 08:55
S14	49	S13 thermoplastic	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/03 08:57
S15	4	("4404447"   "4533685"   "4566990"   "4604413"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/03 09:00
S16	2	"6573322"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:13
S17	3	("4748193"   "4776979"   "5250585").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/03 09:13
S18	803	524/434.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:13
S19	92	S18 lead thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:14
S20	7	S19 (volume adj (resistance or resistivity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:14
S21	10	("3609104"   "3746662"   "4610808"   "5412014"   "5538793"   "6361716"   "6433057"   "6465082"   "6469090").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/03 09:16
S22	244	"4545926"	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/03 09:19
S23	153	("4545926").URPN.	USPAT	AND	ON	2008/04/03 09:19
S24	5	"6182486"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:28
S25	6	("4450977"   "4474685"   "5055143"   "5193265"   "5531851"   "6029269"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/03 09:34
S26	42	("4474685").URPN.	USPAT	AND	ON	2008/04/03 09:35
S27	2222	252/512.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:43

S28	38	S27 copper (volume adj (resistance or resistivity)) lead thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:43
S29	42	S27 (volume adj (resistance or resistivity)) lead thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/04/03 09:43
S30	3	("4582661").URPN.	USPAT	AND	ON	2008/04/03 09:46
S31	8	(thermoplastic bismuth. ab.) (metal\$3 near3 fibers)	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 16:37
S32	4	("5554678").URPN.	USPAT	AND	ON	2008/11/24 16:51
S33	2	"6685854"	USPAT	AND	ON	2008/11/24 16:52
S34	6	"6685854"	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 16:52
S35	5388	252/500-503.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 16:55
S36	110	S35 (((metal\$3 or conductive) near3 fiber) same ("30" or "35" or "40" or "45" or "50"))	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 16:56
S37	10	S36 (thermoplastic.ab.)	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 16:57
S38	57	S36 (thermoplastic)	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 16:57
S39	4	S38 ((low near3 melt\$3) same metal)	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/24 17:01
S40	2666	(digital near3 image) same (ceramic or glass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/11/25 09:06
S41	7	S40 (screen adj print\$3). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/11/25 09:06
S42	307	(digital near3 image) same ((ceramic or glass) same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/11/25 09:07
S43	4	S42 (screen adj print\$3). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/11/25 09:07

S44	195	(digital near3 image) same ((ceramic or glass) near3 substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/11/25 09:08
S45	2	"20070092295"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/11/25 09:12
S46	42	mcp adj "200"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/25 09:36
S47	73	(leadless or (lead adj (less or free))) near5 thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/25 09:46
S48	3	("2002/0043398").URFN.	USPAT	AND	ON	2010/04/01 13:23
S49	1	10/877092.app.	US-PGPUB; USPAT; USOCR	AND	ON	2010/04/01 13:27
S50	1	09/027214.app.	US-PGPUB; USPAT; USOCR	AND	ON	2010/04/01 13:33
S51	7	("6342680").URFN.	USPAT	AND	ON	2010/04/01 13:34
S52	278	(copper adj fiber) same length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/04/08 19:25
S53	27	S52 (thermoplastic.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/04/08 19:25
S54	333	((lead adj "less") or (lead adj free) or leadless) same thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/04/09 09:11
S55	3	"20030153223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/04/09 11:55

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	428/297.4.ccls	USPAT; UPAD	AND	ON	2012/01/09 18:30
L2	722	428/297.4.ccls	USPAT; UPAD	AND	ON	2012/01/09 18:30
L3	160	2 copper	USPAT; UPAD	AND	ON	2012/01/09 18:30
L4	62	3 zinc	USPAT; UPAD	AND	ON	2012/01/09 18:31

L5	2567	428/220.ccls.	USPAT; UPAD	AND	ON	2012/01/09 18:32
L6	25	15 12	USPAT; UPAD	AND	ON	2012/01/09 18:32
L7	344	252/519.33.ccls.	USPAT; UPAD	AND	ON	2012/01/09 18:33
L8	0	17 11	USPAT; UPAD	AND	ON	2012/01/09 18:33
L9	167	17 copper	USPAT; UPAD	AND	ON	2012/01/09 18:33
L10	58	19 filled	USPAT; UPAD	AND	ON	2012/01/09 18:34

1/9/2012 6:38:09 PM

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thermoplastic with metal filler.wsp